

CLAIM AMENDMENTS

1-10 (canceled)

11. (new) A flotation cell for use in the flotation of slurry-like material, such as ore and concentrate containing valuable minerals, the flotation cell comprising:

a rotor mounted to rotate about an axis, and

a stator including a plurality of flow regulators that are angularly spaced apart about the rotor,

and wherein each flow regulator has an inner side that is nearest to the rotor and extends substantially parallel to the axis of rotation of the rotor over substantially the entire height of the rotor at a substantially uniform distance from said axis of rotation; the flow regulators are movable radially relative to the axis of rotation of the rotor, whereby different flow regulators may be located at selected respective distances from said axis of rotation; the flow regulators include first, second and third angularly adjacent flow regulators, with the second flow regulator angularly between the first and third flow regulators; and the inner side of the second flow regulator is farther from said axis of rotation than is the inner side of the first flow regulator and is closer to said axis of rotation than is the inner side of the third flow regulator.

12. (new) A flotation cell according to claim 11, wherein the flow regulators are disposed substantially radially relative to the axis of rotation of the rotor.

13. (new) A flotation cell according to claim 11, wherein the flow regulators comprise multiple groups of first, second and third angularly adjacent flow regulators and within each group the second flow regulator is angularly between the first and third flow regulators and the inner side of the second flow regulator is farther from said axis of rotation than is the inner

side of the first flow regulator and is closer to said axis of rotation than is the inner side of the third flow regulator.

14. (new) A flotation cell for use in the flotation of slurry-like material, such as ore and concentrate containing valuable minerals, the flotation cell comprising:

a rotor mounted to rotate about an axis, and

a stator including a plurality of flow regulators that are angularly spaced apart about the rotor,

and wherein each flow regulator has an inner side that is nearest to the rotor and extends substantially parallel to the axis of rotation of the rotor over substantially the entire height of the rotor at a substantially uniform distance from said axis of rotation; the flow regulators are movable radially relative to the axis of rotation of the rotor, whereby different flow regulators may be located at selected respective distances from said axis of rotation; the flow regulators include first, second and third angularly adjacent flow regulators, with the second flow regulator angularly between the first and third flow regulators; and the inner side of the second flow regulator is farther from said axis of rotation than is the inner side of the first flow regulator and the inner side of the third flow regulator.

15. (new) A flotation cell according to claim 11, wherein the flow regulators are disposed substantially radially relative to the axis of rotation of the rotor.

16. (new) A flotation cell according to claim 14, wherein the flow regulators comprise multiple groups of first, second and third angularly adjacent flow regulators and within each group the inner side of the second flow regulator is farther from said axis of rotation than is the inner side of the first flow regulator and the inner side of the third flow regulator.